

**Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533)(Large Entity)**

Docket No.  
**874.0101.U1(US)**

In Re Application Of: **HEINONEN et al**

Serial No.  
**09/964,367**

Filing Date  
**September 26, 2001**

Examiner  
**Unknown**

Group Art Unit  
**2817**

Invention: **DUAL MODE VOLTAGE CONTROLLED OSCILLATOR HAVING CONTROLLABLE BIAS MODES  
AND POWER CONSUMPTION**



TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

This is a response to the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533) mailed on  
October 22, 2001  
Date

Enclosed herewith for filing are the following:

- ☒ A copy of the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533). **(REQUIRED)**
- ☒ An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.
- ☐ A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date.
- ☐ An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date.
- ☐ A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.
- ☐ Other (list):

**Response To Notice To File Missing Parts Of Application**  
**Filing Date Granted (PTO-1533)(Large Entity)**

Docket No.  
874.0101.U1(US)

In Re Application Of: **HEINONEN et al**

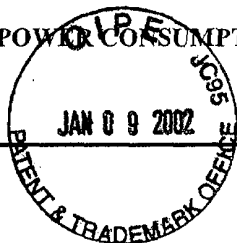
Serial No.  
09/964,367

Filing Date  
September 26, 2001

Examiner  
Unknown

Group Art Unit  
2817

Invention: **DUAL MODE VOLTAGE CONTROLLED OSCILLATOR HAVING CONTROLLABLE BIAS MODES AND POWER CONSUMPTION**



TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

☒ Completion of application fees as calculated below:

☐ Utility application filing fee \_\_\_\_\_

☐ Design application filing fee \_\_\_\_\_

☐ Total number of independent claims = \_\_\_\_\_

☐ Total number of claims = \_\_\_\_\_

☐ Multiple dependent claims \_\_\_\_\_

☒ Surcharge for late payment of filing fee and/or late filing of original declaration or oath **\$130.00**

☐ Petition and fee for filing by other than all the inventors or a person not the inventor \_\_\_\_\_

☐ Fee for processing an application filed with a non-English language specification \_\_\_\_\_

☐ Fee for processing and retention of application \_\_\_\_\_

Total completion of application fees **\$130.00**

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.

☐ One month    ☐ Two months    ☐ Three months    ☐ Four months    ☐ Five months

from: \_\_\_\_\_ until: \_\_\_\_\_  
Date Date

Total time extension fees \_\_\_\_\_

Total fees due **\$130.00**

**Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533) (Large Entity)**

Docket No.  
**874.0101.U1(US)**

In Re Application Of: **HEINONEN et al**

Serial No.  
**09/964,367**

Filing Date  
**September 26, 2001**

Examiner  
**Unknown**

Group Art Unit  
**2817**

Invention: **DUAL MODE VOLTAGE CONTROLLED OSCILLATOR HAVING CONTROLLABLE BIAS MODES  
AND POWER CONSUMPTION**

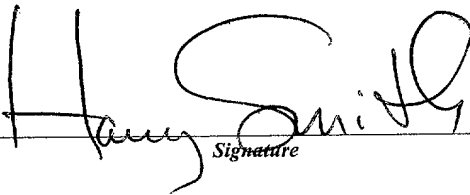


TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

The fee of **\$130.00** is to be paid as follows:

- ☒ A check in the amount of the fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. **50-1924**
- ☒ A duplicate copy of this sheet is enclosed.
- ☒ If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. **50-1924**
- ☒ A duplicate copy of this sheet is enclosed.

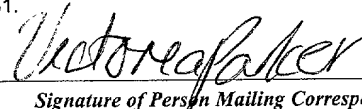
  
Signature

Dated: **November 1, 2001**

**Harry F. Smith**  
Registration No. 32, 493  
**Harrington & Smith, LLP**  
1809 Black Rock Turnpike  
Fairfield, CT 06432  
(203) 366-4084 phone  
(203) 366-4109 fax

CC:

I certify that this document and fee is being deposited  
on **November 1, 2001** with the U.S. Postal Service as  
first class mail under 37 C.F.R. 1.8 and is addressed to the  
Assistant Commissioner for Patents, Washington, D.C.  
20231.

  
Signature of Person Mailing Correspondence

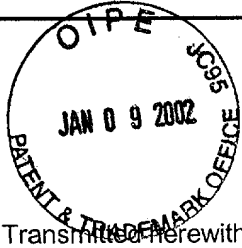
**Victoria Parker**

Typed or Printed Name of Person Mailing Correspondence

**TRANSMITTAL OF FORMAL DRAWINGS**Docket No.  
874.0101.U1(US)In Re Application Of: **HEINONEN et al**

Serial No.	Filing Date	Batch No.	Examiner	Art Unit
09/964,367	9/26/01	Unknown	Unknown	2817

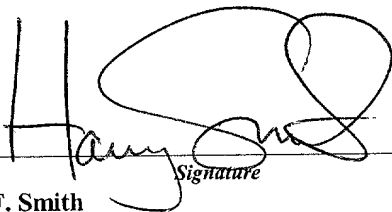
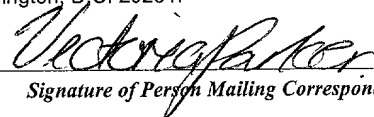
Invention:

**DUAL MODE VOLTAGE CONTROLLED OSCILLATOR HAVING CONTROLLABLE BIAS MODE AND POWER CONSUMPTION**Address to:  
**Assistant Commissioner for Patents  
Washington, D.C. 20231**

Transmitted herewith are:

7 sheets of formal drawing(s) for this application.

Each sheet of drawing indicates the identifying indicia suggested in 37 CFR Section 1.84(c) on the reverse side of the drawing.

  
Signature**Harry F. Smith  
Registration No. 32,493  
Harrington & Smith, LLP  
1809 Black Rock Turnpike  
Fairfield, CT 06432  
(203) 366-4084 phone  
(203) 366-4109 fax**Dated: **November 1, 2001**I certify that this document and attached formal drawings are being deposited on **November 1, 2001** with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.  
Signature of Person Mailing Correspondence**Victoria Parker**

Typed or Printed Name of Person Mailing Correspondence

P23B/REV01

**COPY OF PAPERS  
ORIGINALLY FILED**



1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S): HEINONEN et al  
SERIAL NO.: 09/964,367  
FILING DATE: September 26, 2001  
EXAMINER: Unknown  
DOCKET NO.: 871.0104.U1(US)  
TITLE: DUAL MODE VOLTAGE CONTROLLED OSCILLATOR HAVING  
CONTROLLABLE BIAS MODES AND POWER CONSUMPTION  
AND POWER CONSUMPTION

COMMISSIONER FOR PATENTS  
Washington, D.C. 20231


**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

Pursuant to Sections 609 and 707.05(b) of the MPEP and 37 CFR 1.97-1.99, copies are herewith submitted of documents which may be pertinent to the invention as claimed in the above-identified application. The attached form PTO-1449 lists these documents.

The citation of these documents should not be construed as a representation that a thorough search has been made, or that other, more pertinent material is not available.

Respectfully submitted,

  
Harry F. Smith  
Reg. No. 32,493

HARRINGTON & SMITH, LLP  
1809 Black Rock Turnpike  
Fairfield, CT 06432

Telephone: (203)366-4084  
Facsimile: (203)366-4109  
email: hsmith@HSpatent.com  
Customer No.: 29683

**COPY OF PAPERS  
ORIGINALLY FILED**

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to the Commissioner for Patents, Washington, DC 20231 on:

11/1/2001

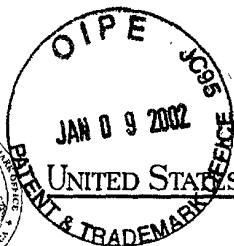
Date

Victoria Parker

Name of person mailing correspondence

Victoria Parker.

Signature



Section 1

## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/964,367	09/26/2001	Jarmo Heinonen	874.0101.U1(US)

CONFIRMATION NO. 2260

29683  
HARRINGTON & SMITH, LLP  
1809 BLACK ROCK TURNPIKE  
FAIRFIELD, CT 06432

## FORMALITIES LETTER



\*OC000000006950519\*

Date Mailed: 10/22/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

01/15/2002 BABRAHA1 00000046 09964367

FILED UNDER 37 CFR 1.53(b)

01 FC:105

130.00 DP

## Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice **MUST** be returned with the reply.*

COPY OF PAPERS  
ORIGINALLY FILED

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE